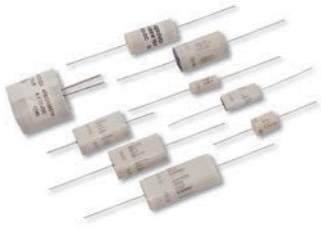




### Axial Leaded Capacitors

*Metallized polyester and polypropylene for many applications*



#### Features

- 0.001 to 20.0  $\mu\text{F}$
- 63 to 630 VDC
- Round or flat design
- Metallized polypropylene or polyester

#### Applications

- Blocking, coupling and filtering
- UPS (Uninterruptible Power Supplies)
- Switching power supply
- Pulsing requiring high  $dV/dt$  ratings with low DF and ESR
- High current AC
- DC Link

### Defibrillator Capacitors

*Film capacitors for external defibrillator applications*



#### Features

- 32 to 500  $\mu\text{F}$
- 800 to 6,000 VDC
- Mono-phasic or bi-phasic designs

- Aluminum, steel or plastic case options
- Custom designs available

#### Applications

- External defibrillator
- Pulse power

### High Voltage AC & DC Film Capacitors

*Metallized polyester and polypropylene for power electronic applications*



#### Features

- 0.25 to 80  $\mu\text{F}$
- 660 to 1,200 VAC
- 1,200 to 2,000 VDC
- Pressure sensitive interrupter (meets UL810 requirements)

- Oil-filled with an environmentally "green" fluid

#### Applications

- Switching power supply
- Inverters & converters
- Heavy duty motor run
- High current lighting
- UPS systems

### Lighting Capacitors

*Film capacitors for high intensity discharge (HID) and sign ballast lighting*



#### Features

- 1 to 75  $\mu\text{F}$  for HID
- 1.4 to 2.6  $\mu\text{F}$  dual or triple rating for sign ballasts
- 120 to 660 VAC for HID
- 550 to 1,200 VAC for sign ballasts
- Metal or plastic case
- Oil filled or dry construction

- Manufactured in USA and China
- 60,000 hour design life
- UL & cUL on HID capacitors
- Made to EIA 456-A standards

#### Applications

- Area & sports lighting
- Greenhouse or hydroponics kits
- High & low bay warehousing
- Horticultural lighting
- Parking lot installations
- Sign ballast kits
- Street lamp fixtures
- Street lighting

### Microwave Capacitors

*Film capacitors for microwave applications*



#### Features

- 0.5 to 2.0  $\mu\text{F}$
- 1,750 VAC to 3,000 VAC
- Dual ratings available

- High voltage threshold for corona
- Long service life

#### Applications

- Industrial microwave heating
- Commercial microwave ovens
- Water purification

## Motor Run & General Purpose AC Capacitors



AC film capacitors for motor run, UPS and general purpose applications

### Features

- 0.5 to 120  $\mu$ F
- 120 VAC to 660 VAC
- Aluminum, steel or plastic cases
- Special high temperature 90°C versions available
- 60,000 hour design life
- UL & cUL recognized
- UL 810 fault current protection

### Applications

- UPS systems
- HVAC systems
- Single phase motors
- Phase converters
- Pumps & compressors
- White goods
- Blower & fan motors
- Unitary & window air conditioners
- Condensing units & dehumidifiers
- Power factor correction

## AeroPower™ Power Factor Correction Capacitors



Single-phase and three-phase PFC capacitors for high reliability applications

### Features

- European and North American styles
- 0.5 to 325 KVAR
- 240 VAC to 4,800 VAC
- Loss of KVAR/fault detection
- 50 & 60 Hz ratings
- Single & 3-phase designs

- UL810 fault current protection
- Standard duty & high harmonic designs
- Custom ratings available

### Applications

- Power factor correction systems
- Harmonic filters
- Alternative energy power systems
- Induction heating capacitor alternatives

## Pulse & Custom Capacitors



Capacitors for pulse, flash lamp, laser and custom AC or DC applications

### Features

- 0.01 to 50,000  $\mu$ F
- High voltage up to 50,000 VDC
- Up to 100 million shot life
- Aluminum foil, paper, polypropylene or single-sided metallized polypropylene construction
- Multiple terminal configurations

- Dry or oil-filled with an environmentally "green" fluid
- Custom application development

### Applications

- Utility UPS
- Magnetic forming
- MARX generator banks
- Strobe lights
- Flash lamps
- Particle accelerators
- Pulsed lasers
- High energy dynodes
- DC filters

## Power Electronic Capacitors



Film capacitors for IGBT & DC Link applications

### Features

- 0.033 to 20.0  $\mu$ F
- 300 to 1,000 VAC
- 630 to 3,000 VDC
- Low inductance
- Direct or board mount configurations

- Many termination options
- Custom designs for high temperature (125°C) applications

### Applications

- Inverters
- Electric vehicles
- UPS (Uninterruptible Power Supplies)
- Alternative energy power management systems
- Switch mode power supplies
- Power supplies
- Motor controllers

# Aerovox®